

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"2027313.2"	EPO	ADJ	ON	2008/08/18 16:34
S2	0	"2027313"	EPO	ADJ	ON	2008/08/18 16:34
S3	5	"2027313"	DERWENT	ADJ	ON	2008/08/18 16:34
S4	472	denier	EPO	ADJ	ON	2008/08/19 16:29
S5	27420	denier	US-PGPUB; USPAT	ADJ	ON	2008/08/19 16:29
S6	505	(nonwoven or (non adj woven)) near6 vacuum	US-PGPUB; USPAT	ADJ	ON	2008/08/19 16:38
S7	331	(nonwoven or (non adj woven)) near6 vacuum and @ay<"2003"	US-PGPUB; USPAT	ADJ	ON	2008/08/19 16:40
S8	34	(nonwoven or (non adj woven)) near6 (vacuum adj cleaner) and @ay<"2003"	US-PGPUB; USPAT	ADJ	ON	2008/08/19 16:41
S9	5	"5855992"	US-PGPUB; USPAT	ADJ	ON	2008/08/20 15:00
S10	2642	(nonwoven or (non adj woven)) near6 ((pore adj size) or diameter)	US-PGPUB; USPAT	ADJ	ON	2008/08/20 15:10
S11	2696	(nonwoven or (non adj woven)) near6 ((pore adj size) or diameter)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:10
S12	665	(nonwoven or (non adj woven)) near6 ((pore adj size) or diameter) near6 ". mu.m"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:11
S13	1	10/537641	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:29

S14	200	pulverized adj polymer	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:37
S15	2	pulverized adj polymer near6 adhesive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:42
S16	81	(spunbond or spunlace) and (meltblown or melt blown) and paper and (hotmelt or hot melt) and weight and diameter and permeability and pore size and @ay< "2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 17:10
S17	13	"6193773"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 17:37
S18	1	"338479"	EPO	OR	OFF	2008/08/21 11:21
S19	26	"5080702"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:58
S20	214	(55/382).CCL.S.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 14:01
S21	1007	(55/482).CCL.S.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 14:34
S22	1015	(55/486).CCL.S.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 14:37
S24	15	"55/482".ccls. and (nonwoven or spunbond or meltblown) and (hotmelt or (hot adj melt) or glue or adhesive) and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 14:40
S25	100	"55/486".ccls. and (nonwoven or spunbond or meltblown) and (hotmelt or (hot adj melt) or glue or adhesive) and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 14:42
S26	370	airlaid near1 nonwoven	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 16:07
S27	0	airlaid near1 nonwoven near1 paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 16:09

S28	1	airlaid near1 (nonwoven or non woven) near1 paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 16:09
S29	1	"6171369".pn. and air and laid	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 16:16
S31	1	"6171369".pn. and ". mu.m" and fiber and diameter and melt	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 16:24
S32	1	"6171369".pn. and polypropylene and spunbond	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 16:48
S34	1	"6171369".pn. and glue	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 17:06
S35	1	"6171369".pn. and adhesive	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 17:07
S36	1	"6171369".pn. and adhesive and hotmelt and "g/m. sup.2"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 17:10
S37	0	"6171369".pn. and (adhesive or hotmelt) near7 "g/m. sup.2"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 17:12
S38	61	dry adj bond adj adhesive	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/21 17:14
S39	0	spunbond air-laid spunbond melt- blown spunbond	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/28 19:58
S40	0	spunbond air spunbond melt spunbond	US-PGPUB; USPAT; USOCR	NEAR	OFF	2008/08/28 19:58
S41	138	six-ply	USPAT	OR	OFF	2008/08/28 20:08
S42	241	six-ply	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/28 20:08
S43	27	six-ply and (spun or spunbond)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 07:49
S44	1	"6171369".pn. and fleece and (spunlace or spun or spunbond)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 09:22
S45	1	"6171369".pn. and permeability and paper and laid	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 10:10

S46	19	spray near6 ((hot adj melt) or hotmelt) near6 (nonwoven or (non adj woven))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 12:44
S47	1	"6171369".pn. and pressure and (calendar or calender)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 12:59
S48	15	spray near6 ((hot adj melt) or hotmelt) near6 (nonwoven or (non adj woven)) SAME3 pressure	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 13:09
S49	15	spray near6 ((hot adj melt) or hotmelt) near6 (nonwoven or (non adj woven)) SAME3 (pressure force or weight or pressed or press)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 13:18
S50	10	spray near6 ((hot adj melt) or hotmelt) near6 fiber SAME3 (pressure force or weight or pressed or press)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 13:23
S51	10	spray near6 ((hot adj melt) or hotmelt or (hot near glue)) near6 fiber SAME3 (pressure force or weight or pressed or press)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 13:25
S52	809	spray near6 ((hot adj melt) or hotmelt or (hot near glue)) SAME3 (pressure force or weight or pressed or press)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 13:26
S53	614	spray near6 ((hot adj melt) or hotmelt or (hot near glue)) SAME3 (pressure or force or pressed or press)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 13:28
S54	2	hot near glue near box	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 14:00
S55	143	hot melt glue gun	US-PGPUB; USPAT; USOCR	NEAR	OFF	2008/08/29 14:03

S56	1282	"sauer".in.	EPO	ADJ	ON	2008/08/29 15:15
S58	16	(sauer near ralf).in.	US-PGPUB; USPAT	ADJ	ON	2008/08/29 15:15
S59	12	(schultink near jan). in.	US-PGPUB; USPAT	ADJ	ON	2008/08/29 15:17
S60	2	(schultink near jan). in. and hotmelt	US-PGPUB; USPAT	ADJ	ON	2008/09/02 09:50
S61	1	(sauer near ralf).in. and hotmelt	US-PGPUB; USPAT	ADJ	ON	2008/09/02 09:52
S62	0	(sauer near ralf).in. and hotmelt	EPO	ADJ	ON	2008/09/02 09:52
S63	0	(sauer near ralf).in. and (hot near melt)	EPO	ADJ	ON	2008/09/02 09:52
S64	52	(sauer near ralf).in.	EPO	ADJ	ON	2008/09/02 09:52
S65	0	"4178157"	EPO	ADJ	ON	2008/09/02 09:57
S66	42	"4178157"	US-PGPUB; USPAT	ADJ	ON	2008/09/02 09:57
S67	343	("g/m.sup.2" or "lb/ ft.sup.2" or "lb/in. sup.2" or "g/in. sup.2") near6 ((hot adj melt) or hotmelt or (hot near glue))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/02 10:08
S69	36	MFP and textile	US-PGPUB; USPAT; USOCR	NEAR	OFF	2009/08/04 14:27
S70	23	("2792076"   "2848062"   "3094083"   "3273322"   "3350857"   "3370406"   "3452520"   "3479802"   "3498031"   "4125219"   "4589894"   "5080702").FN. OR ("6251154").URPN.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2010/01/06 13:17
S72	282	(spunbond OR (spun ADJ bond)) AND ((hot adj melt) or hotmelt or glue OR adhesive) AND (MFP OR (average near3 pore near3 size))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/07 10:27

S73	2143	(spunbond OR (spun ADJ bond)) AND (calendering OR calendered OR calender)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/07 12:07
S74	5663	(spunbond OR (spun ADJ bond)) AND weight and (diameter OR denier OR fineness) and (pore size)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/07 12:30
S75	1449	(spunbond OR (spun ADJ bond)) SAME3 weight SAME3 (diameter OR denier OR fineness) SAME3 (pore size)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/07 12:31
S76	147	(spunbond OR (spun ADJ bond)) AND ((hot adj melt) or hotmelt or glue OR adhesive) AND (MFP OR (average near3 pore near3 size)) AND @ay< "2003"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/07 12:31
S77	744	(spunbond OR (spun ADJ bond)) SAME3 weight SAME3 (denier) SAME3 (pore size)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/07 13:28
S78	442	(spunbond OR (spun ADJ bond)) SAME3 weight SAME3 (denier) SAME3 (pore size) AND @ay< "2003"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/07 13:29
S79	31	(spunbond OR (spun ADJ bond)) SAME3 weight SAME3 (denier) SAME3 (pore size) AND @ay< "2003"	US-PGPUB; USPAT; USOCR	NEAR	OFF	2010/01/07 14:40
S80	4	needle-tacked polypropylene	US-PGPUB; USPAT; USOCR	NEAR	OFF	2010/01/07 15:13
S81	11	needle-tacked WITH nonwoven	US-PGPUB; USPAT; USOCR	NEAR	OFF	2010/01/07 15:41
S82	129	point bonding WITH spunbond	US-PGPUB; USPAT; USOCR	NEAR	OFF	2010/01/07 15:55

S83	1	"4917942".PN.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2010/01/07 16:12
S84	1	"4941309".PN.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2010/01/08 10:43
S85	1	"6425978".PN.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2010/01/08 10:52

**EAST Search History (Interference)**

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